

CAPE COD AS, MA UTILITY SYSTEM DESCRIPTIONS

General: Cape Cod AS occupies a portion of the Massachusetts Military Reservation (MMR) on upper Cape Cod that is leased from the Commonwealth of Massachusetts. The MMR also includes Otis ANGB, other military facilities, and parts of the towns of Bourne, Mashpee, Sandwich, and Falmouth. Cape Cod AS, located atop Flat Rock Hill inside the northeastern boundary of the MMR, was constructed in 1978 and occupies approximately 100 acres at an elevation of 264 feet.

System Descriptions: The following information provided is only an estimate and is subject to change:

Potable Water Supply: Water service is provided to Cape Cod Air Station by two onsite wells, two 200,000-gallon storage tanks, approximately 1/2 mile of potable water distribution main, and approximately 1/2 mile of fire water mains. Water consumption at the facility averages about 12,000 gallons per day.

Electrical: Electricity is provided to the site through two separate feeds from Commonwealth Electric Company. One feed provides power at 115 kV to a 115/23 kV, 7.5 MVA substation. The substation then feeds 0.5 miles of 23 kV overhead distribution and 320 feet of underground distribution line to the tech site. The other feed is a 0.5 mile overhead 23 kV distribution and 840 feet of underground distribution feed to the tech site. Located at the tech site there are four pad mount distribution transformers.

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